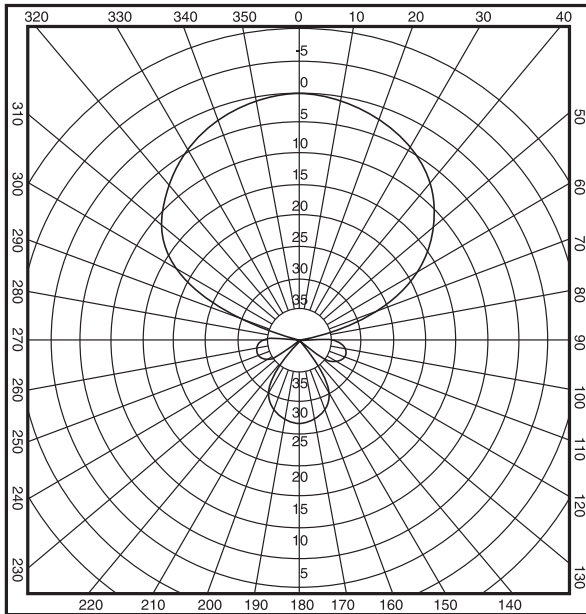


## WADE ANTENNA



### SINGLE LOW BAND ANTENNA MODELS:

- ◆ WL 2-4/S      ◆ WL 3-5/S
- ◆ WL 4-6/S      ◆ WL 6-FM/S

### LOW BAND ANTENNA

There are four rugged low band models, each engineered to provide optimum performance over the desired band. Pure log periodic design and cantilever mount ensure superior electrical performance and pattern predictability for maximum rejection of interfering signals. A newly designed feed point accepts a standard 75 Ohm CATV housing connector. The use of corrosion resistant materials combines long life with trouble-free, reliable performance.

### WADE LOG PERIODIC ANTENNA

#### SINGLE ANTENNA

#### ELECTRICAL SPECIFICATIONS

SPECIFICATION	WL 2-4/S	WL 3-5/S	WL 4-6/S	WL 6-FM/S
FREQUENCY RANGE	54-72 MHz	60-82 MHz	66-88 MHz	82-108 MHz
CHANNELS	2,3&4	3,4&5	4,5&6	6&FM
GAIN	9 dBi	9 dBi	9 dBi	9 dBi
IMPEDANCE	75 Ohm	75 Ohm	75 Ohm	75 Ohm
VSWR	<1.25:1	<1.25:1	<1.25:1	<1.25:1
FR:BK RATIO	>25 dB	>25 dB	>25 dB	>25 dB
POLARIZATION	H or V	H or V	H or V	H or V
H. BEAM WIDTH	60 deg.	60 deg.	60 deg.	60 deg.
V. BEAM WIDTH	90 deg.	90 deg.	90 deg.	90 deg.
SIDE LOBE SUPPRESSION*	>30 dB	>30 dB	>30 dB	>30 dB
CONNECTORS**	"F" Connector			
STD. MOUNT	1/2" U-Bolts to Fit 3.5" O.D. Pipe			

\*WHERE INTERFERING SIGNALS SUCH AS CO-CHANNEL, ADJACENT CHANNEL AND GHOSTING ARE PRESENT, CUSTOM ARRAYS CAN BE DESIGNED TO REDUCE THE LEVEL OF INTERFERENCE BY AS MUCH AS 40 dB IN MOST CASES.

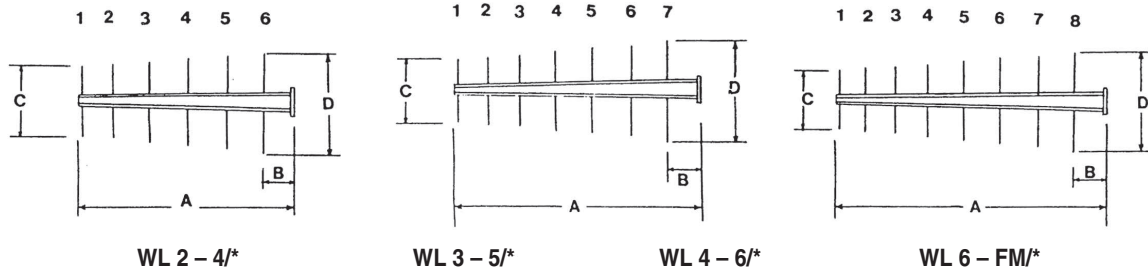
**WADE LOG PERIODIC ANTENNA**

SINGLE ANTENNA

WIND AND ICE LOADING

SPECIFICATION	WL 2-4/S	WL 3-5/S	WL 4-6/S	WL 6-FM/S
BOOM LENGTH	144"	144"	128"	137"
WEIGHT (LBS):				
NO ICE"	60	60	56	58
1" RAD. ICE"	230	230	212	210
WIND LOAD (LBS):				
NO ICE"	120	120	108	112
1" RAD. ICE"	105	105	92	95
WIND TORQUE (Ft-Lbs):				
NO ICE"	654	654	588	600
1" RAD. ICE"	508	508	475	450

WIND SPEED      100 MPH  
 "HALF WIND      50 MPH



**WADE LOG PERIODIC ANTENNA**

SINGLE ANTENNA

OVERALL DIMENSIONS

SPECIFICATION		WL 2-4/S	WL 3-5/S	WL 4-6/S	WL 6-FM/S
NO. OF ELEMENTS		6	7	7	8
BOOM LENGTH	(A)	144"	144"	128"	137"
STUB LENGTH	(B)	24"	22"	19"	18"
SHORTEST ELEMENT	(C)	57"	50"	46"	39"
LONGEST ELEMENT	(D)	108"	98"	88"	71"